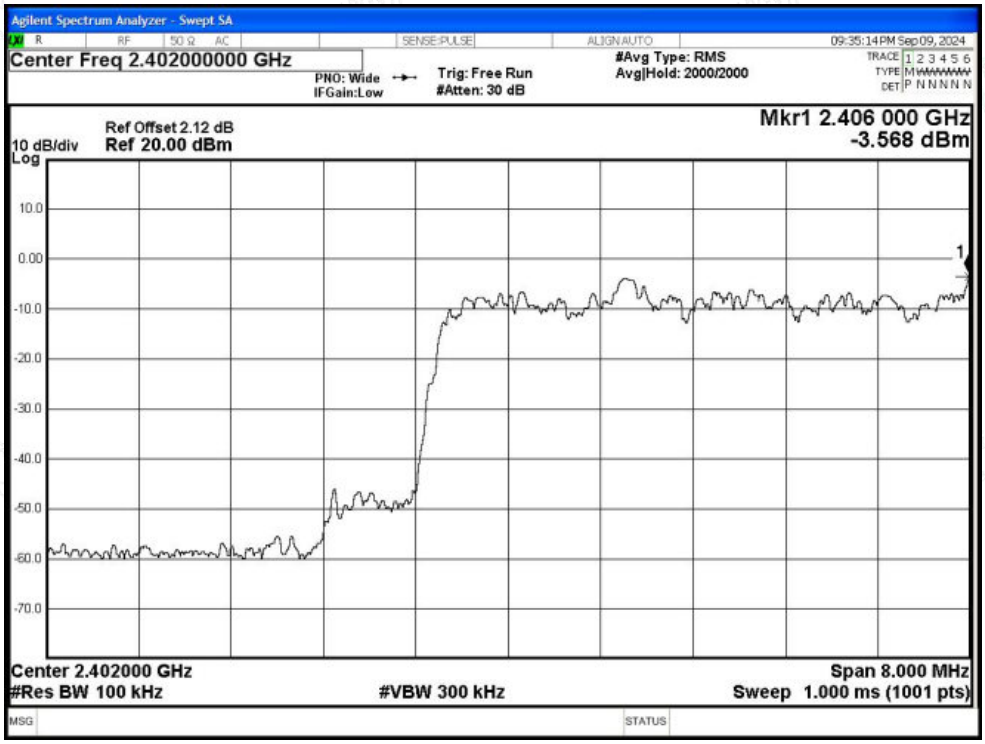
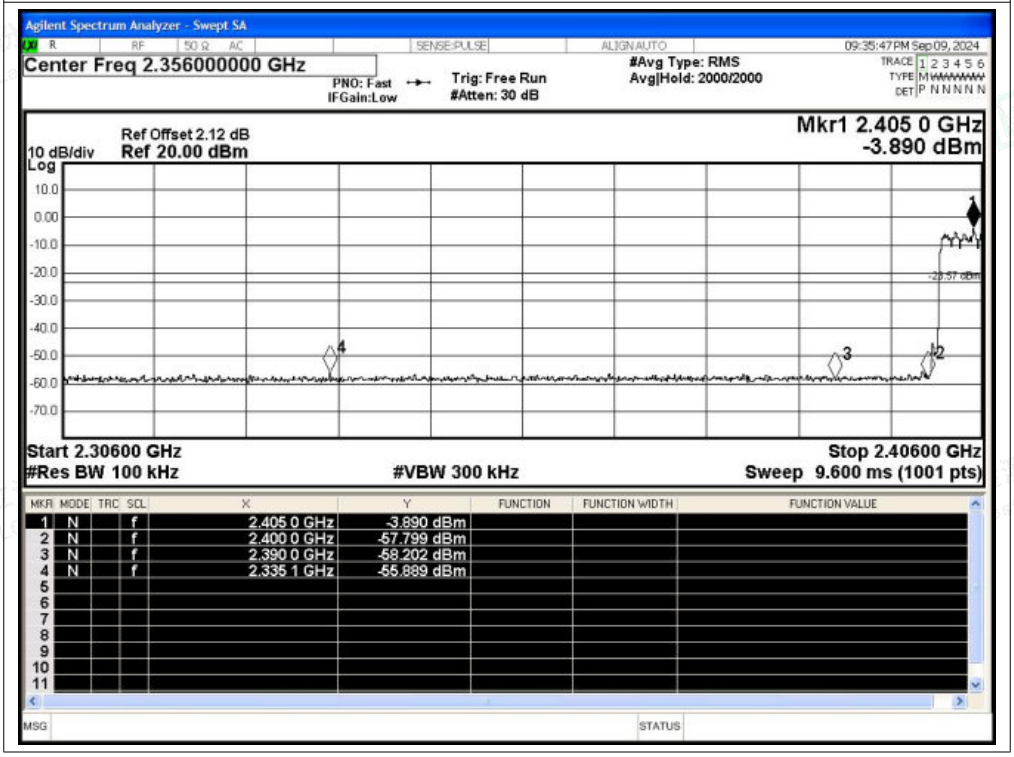
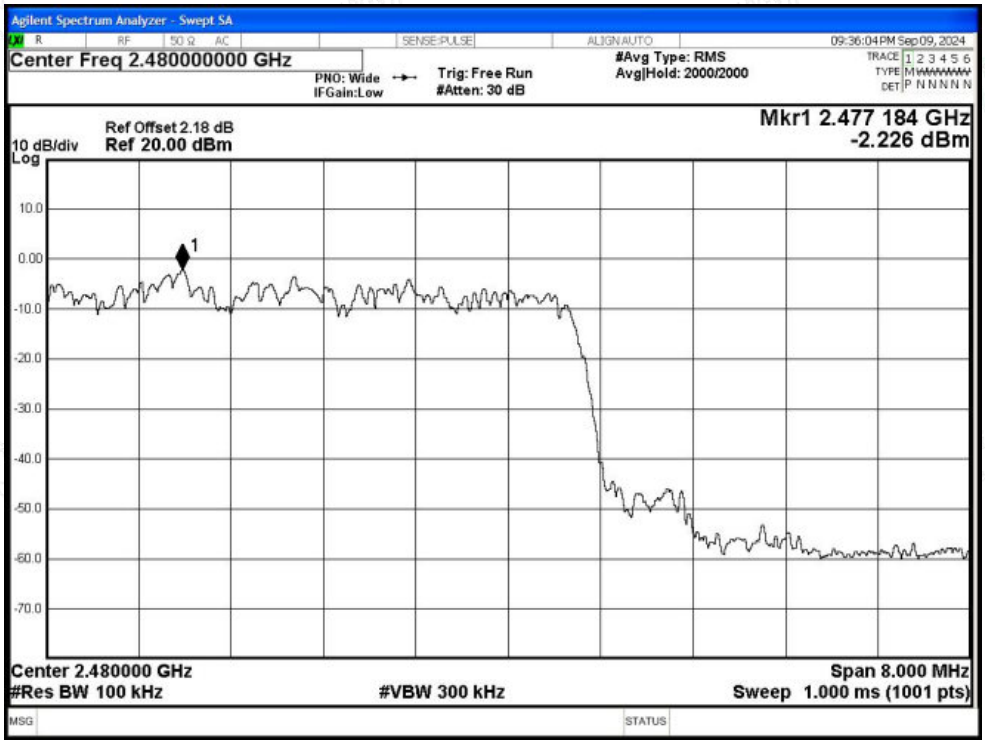
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



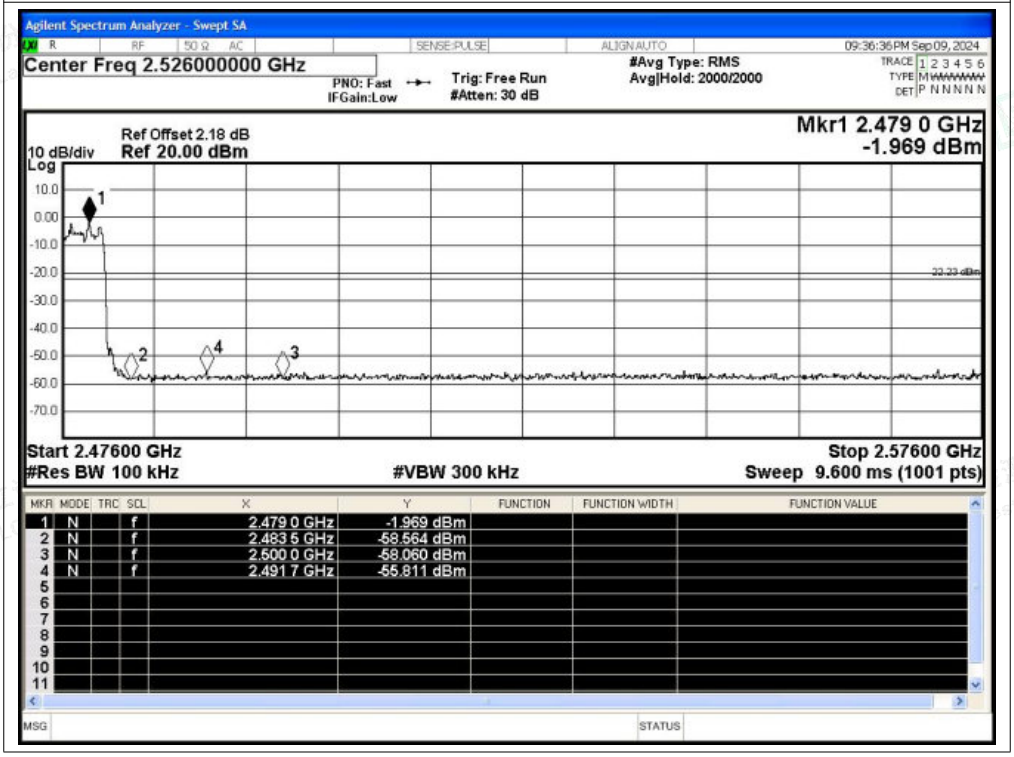
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

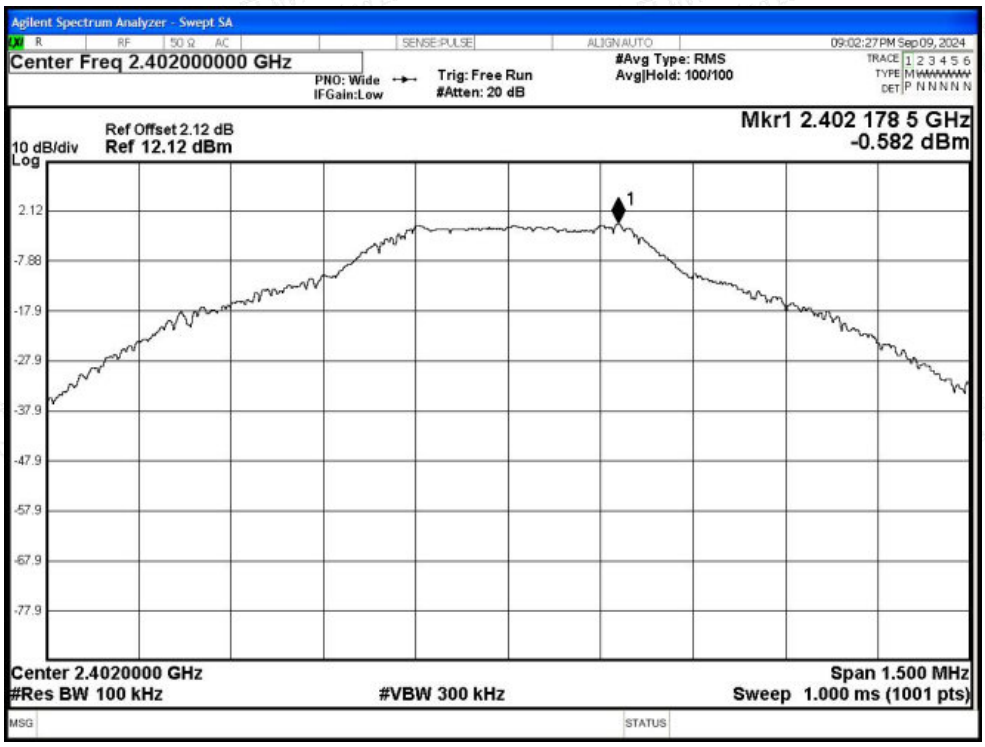


A.7 Conducted RF Spurious Emission

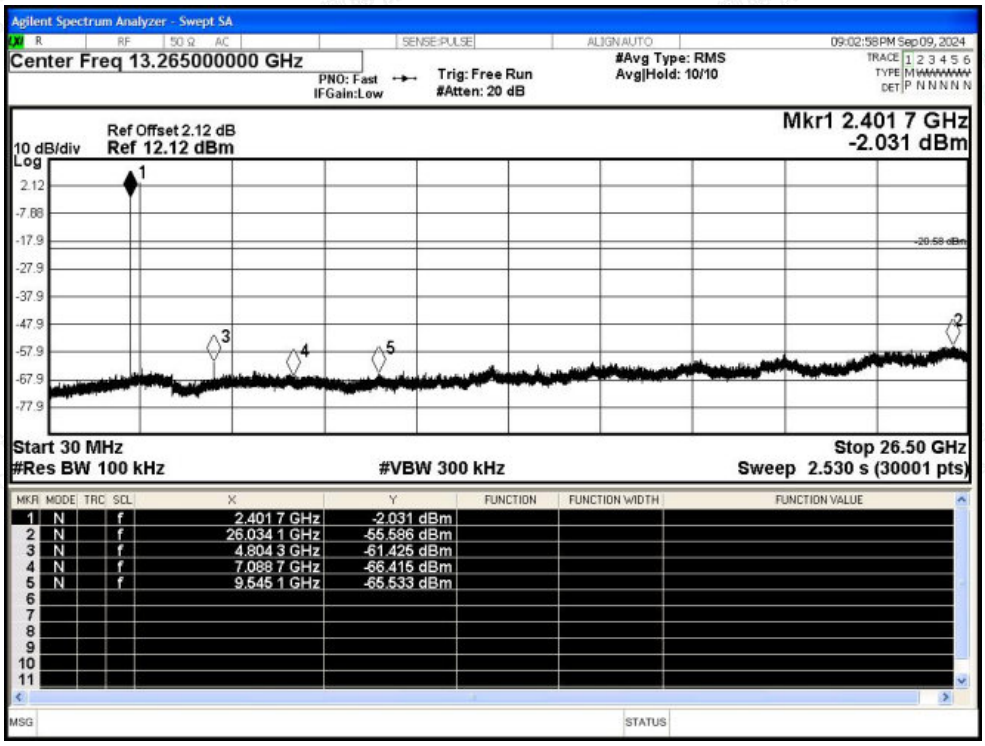
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55	-20	Pass
NVNT	1-DH5	2441	Ant1	-57.06	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.01	-20	Pass
NVNT	2-DH5	2402	Ant1	-52.04	-20	Pass
NVNT	2-DH5	2441	Ant1	-55.76	-20	Pass
NVNT	2-DH5	2480	Ant1	-54	-20	Pass
NVNT	3-DH5	2402	Ant1	-52.32	-20	Pass
NVNT	3-DH5	2441	Ant1	-51.72	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.91	-20	Pass

Test Graphs

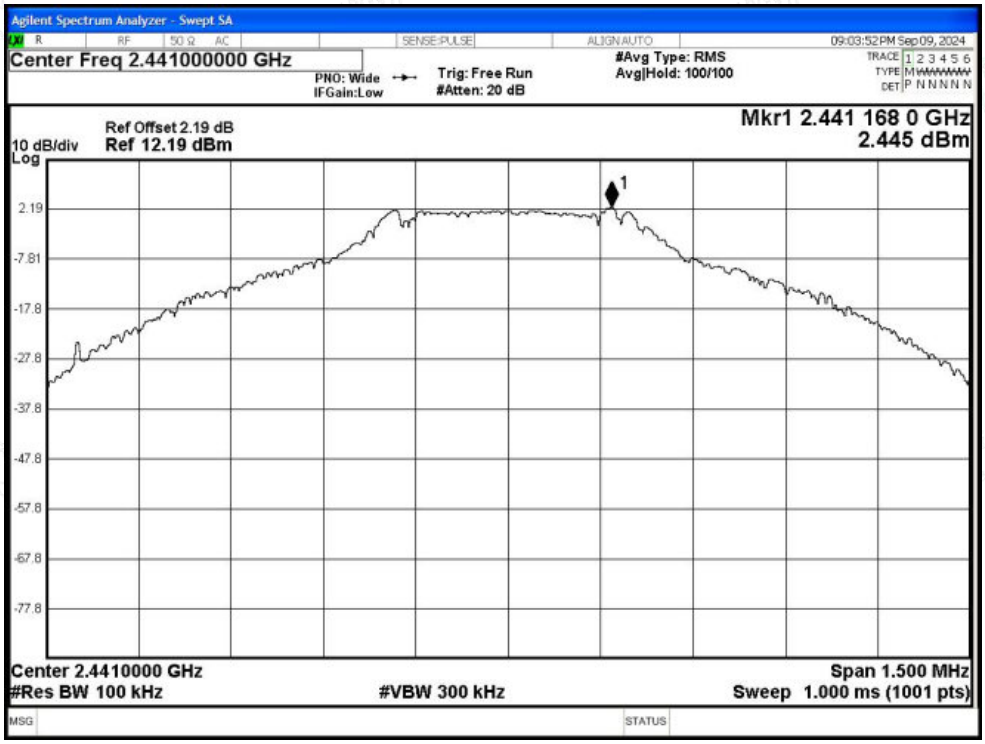
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



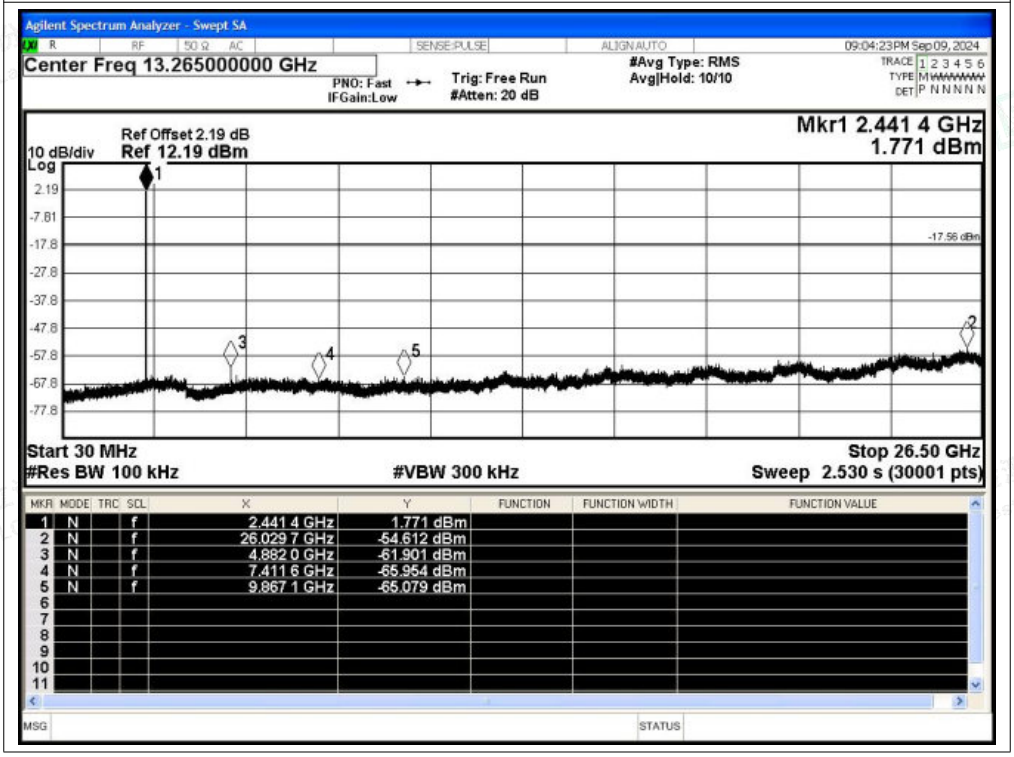
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



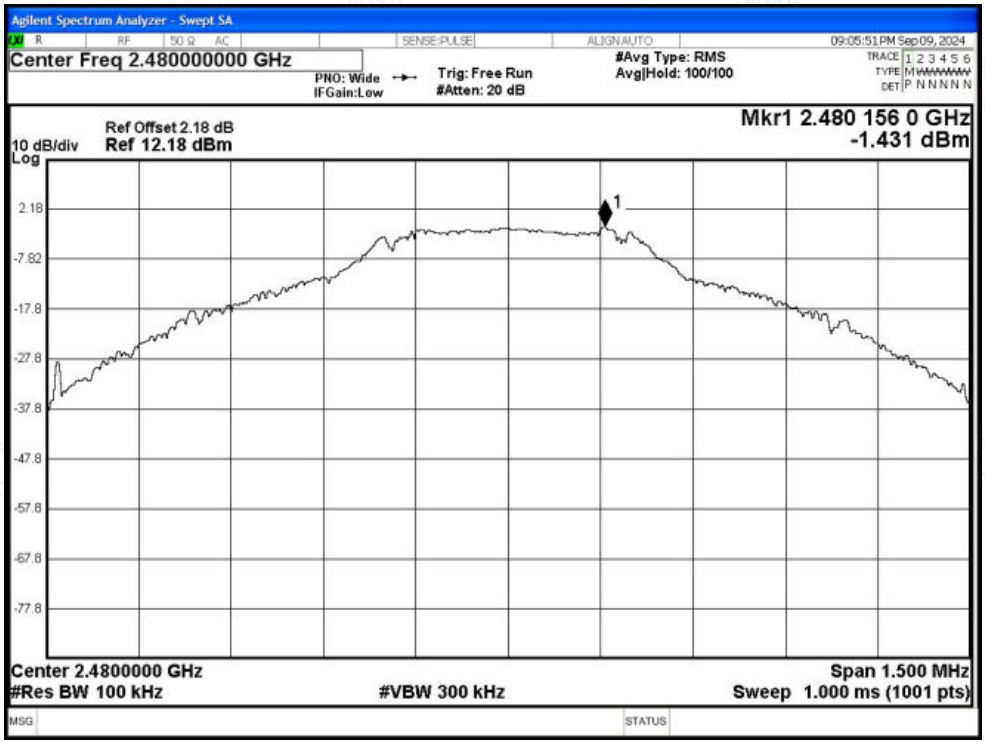
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



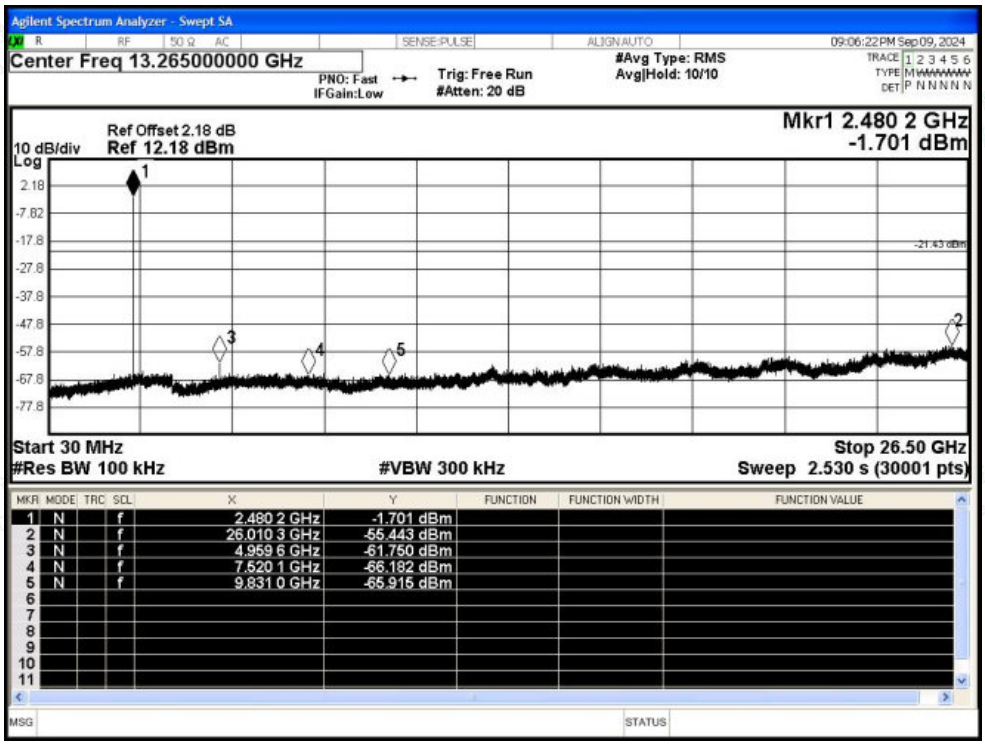
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



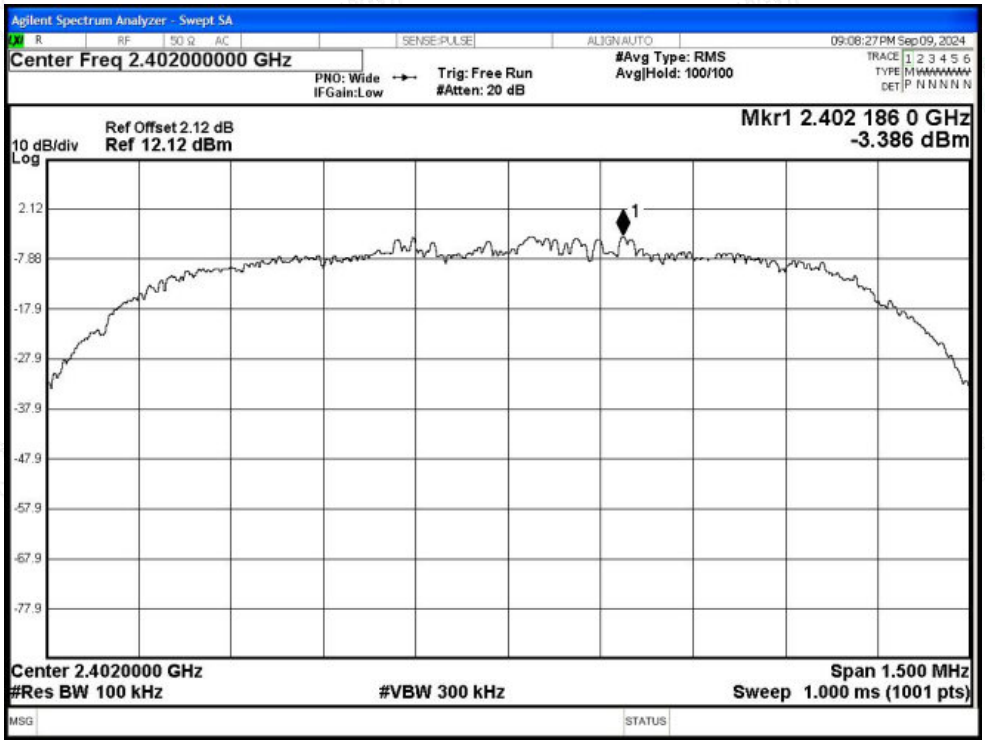
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



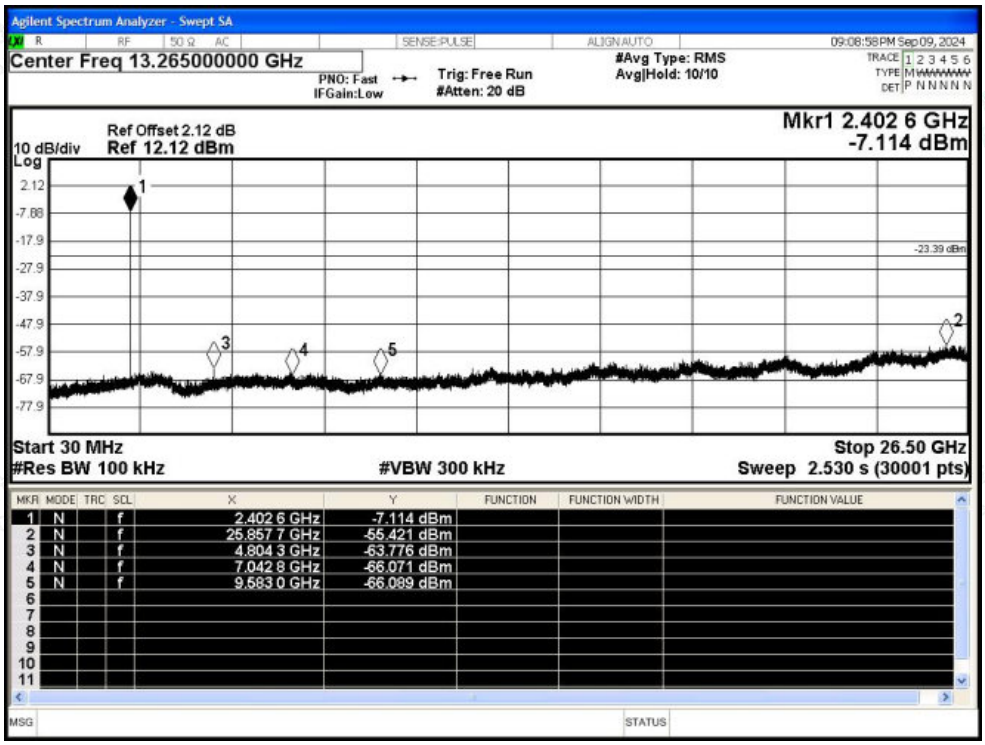
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



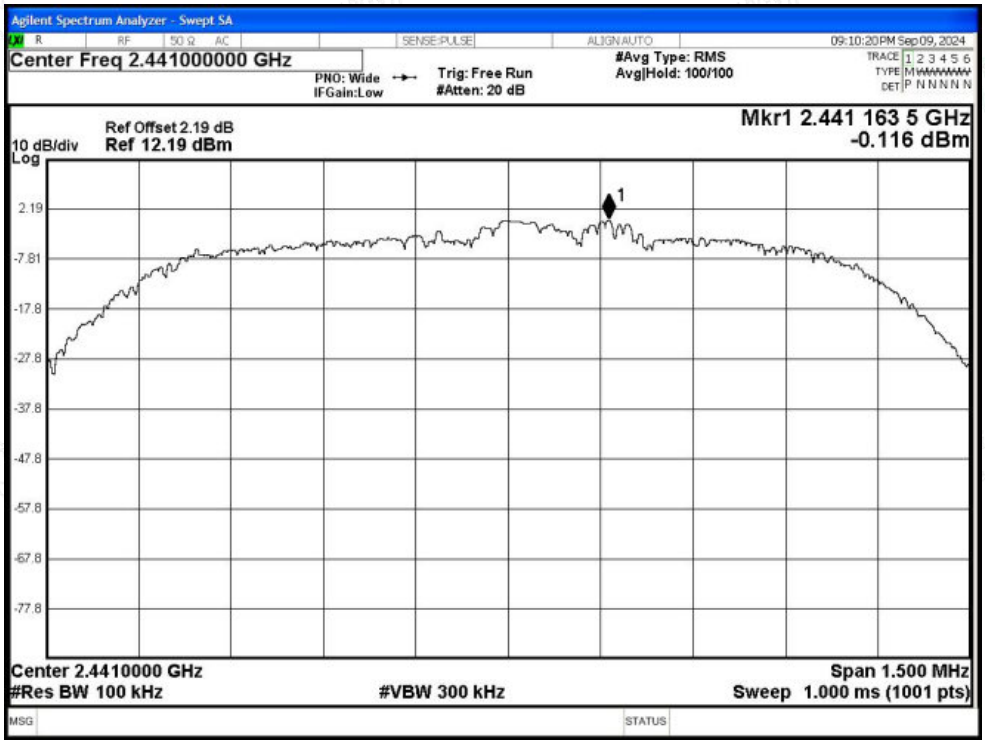
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



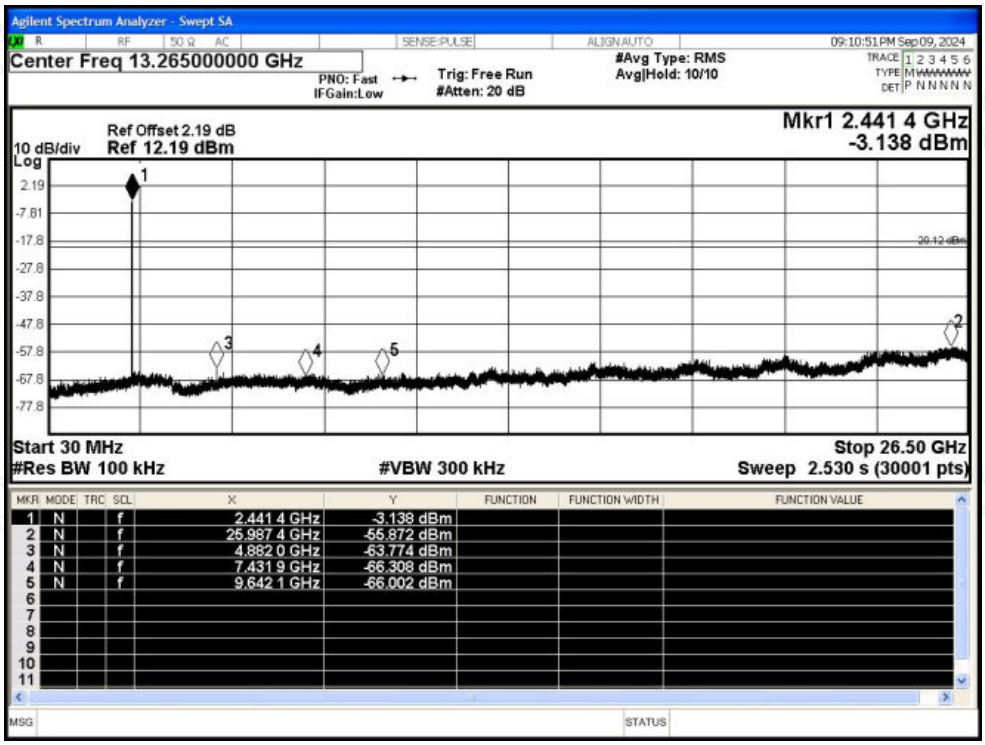
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



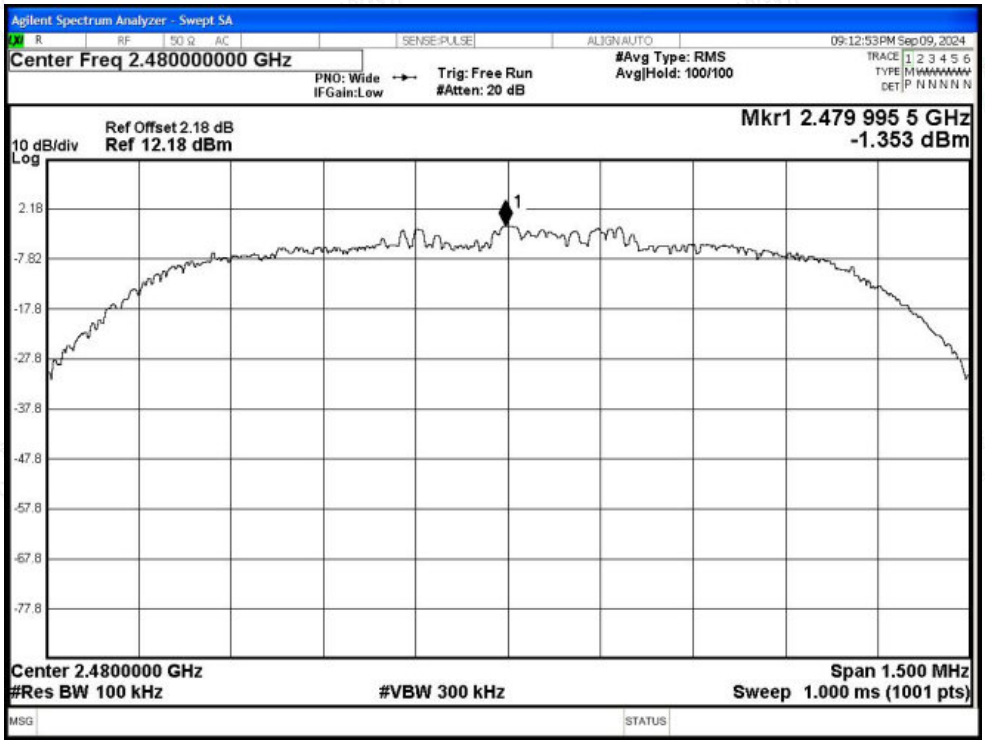
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



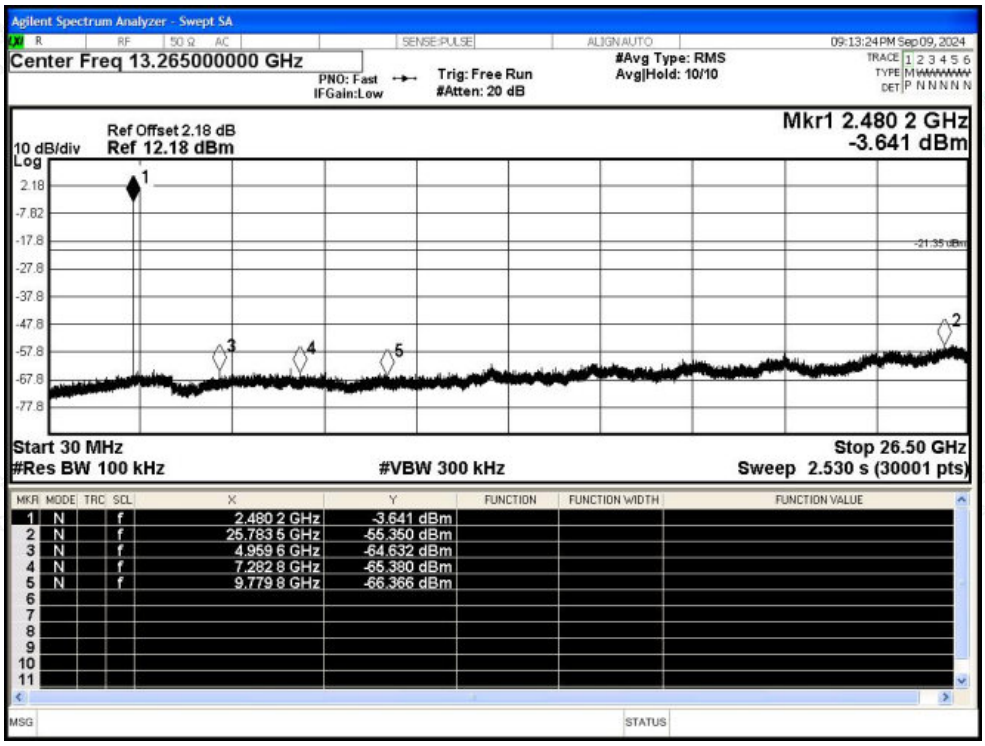
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



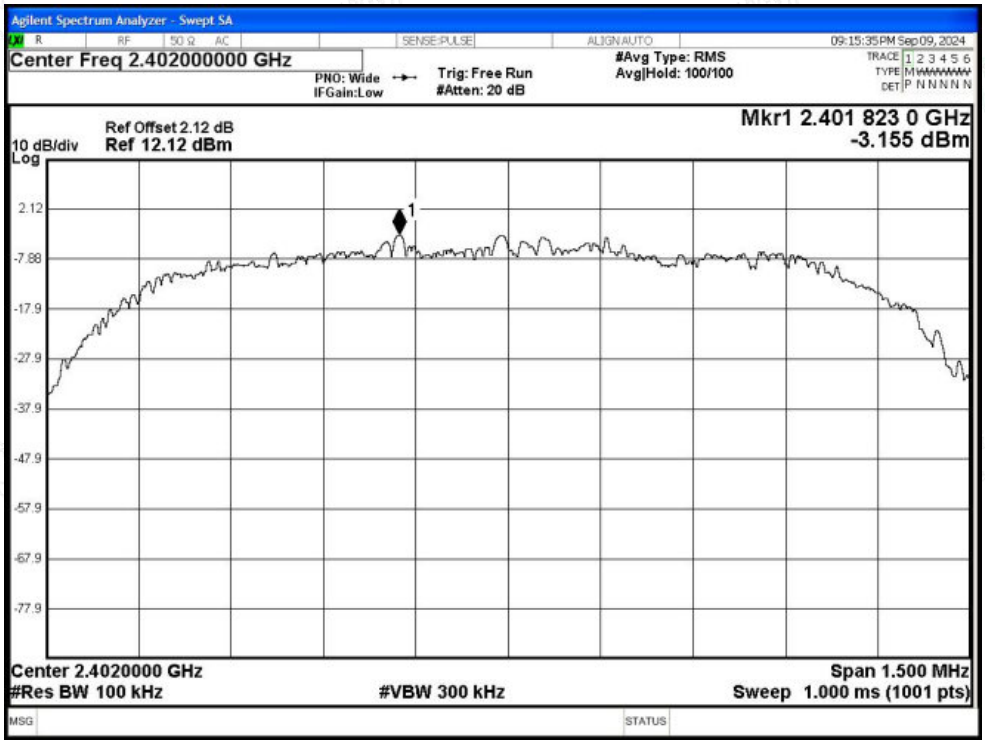
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



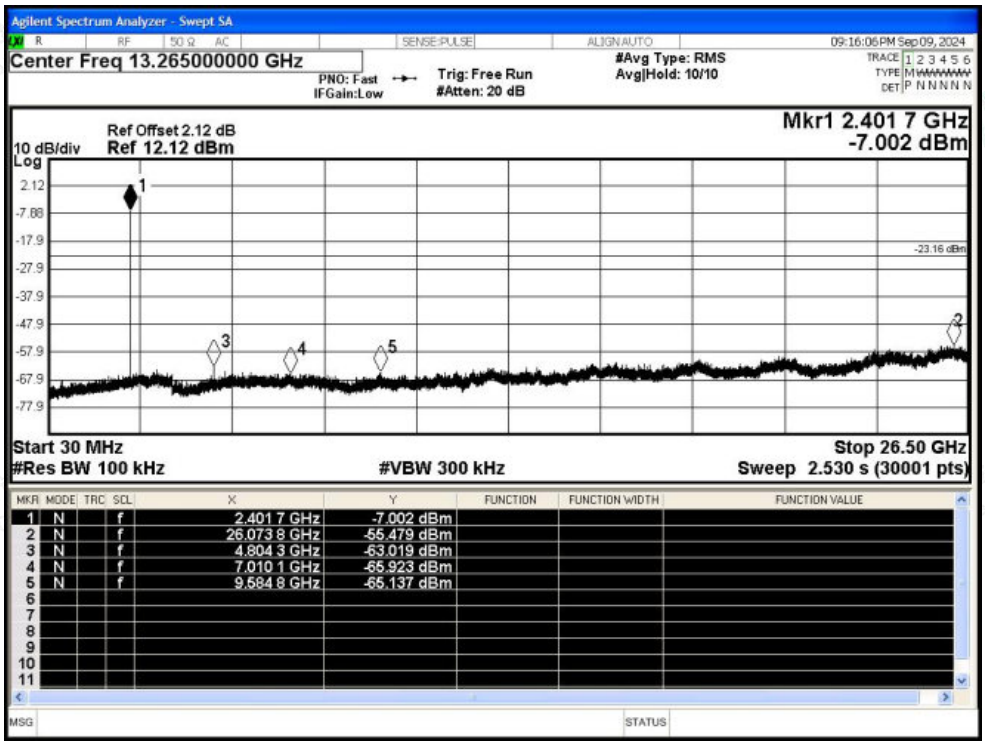
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



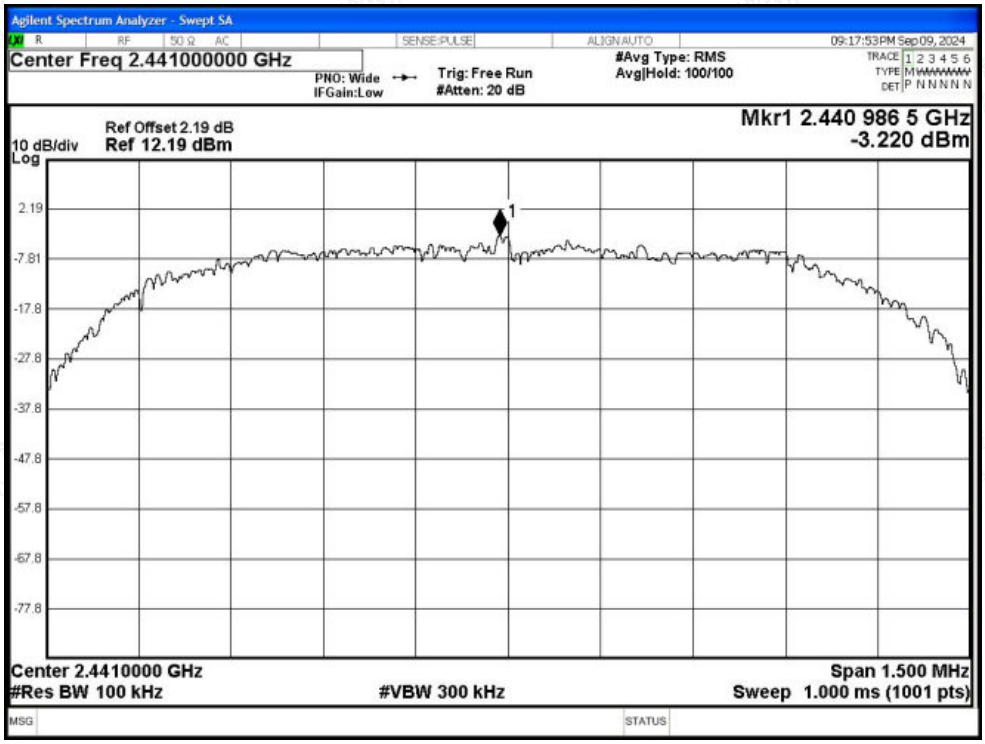
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



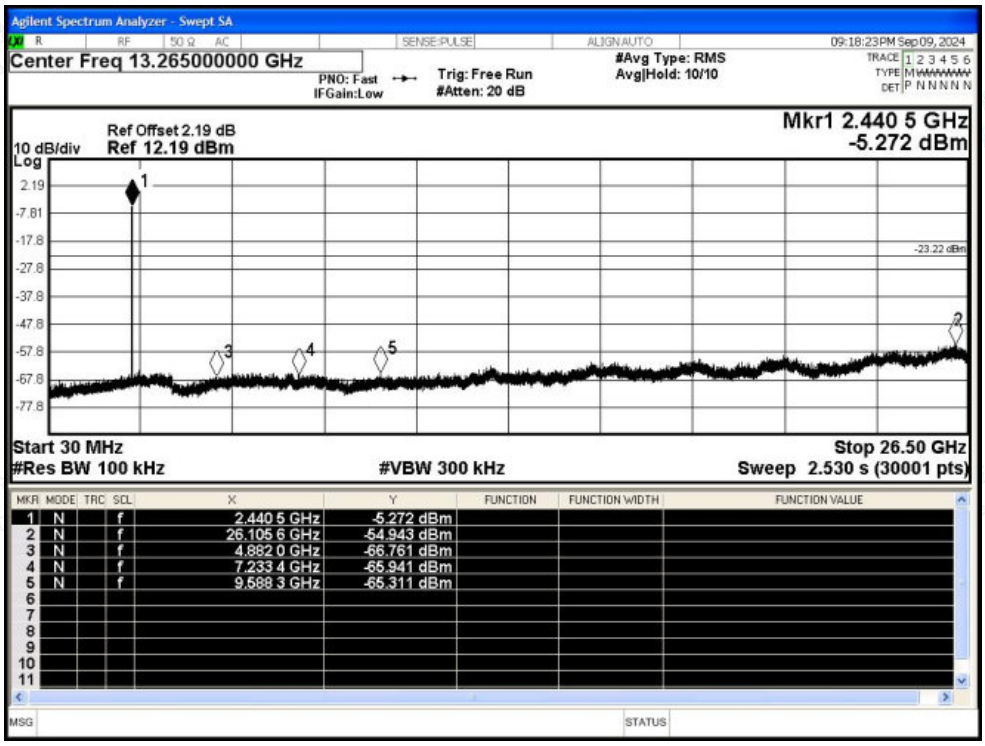
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



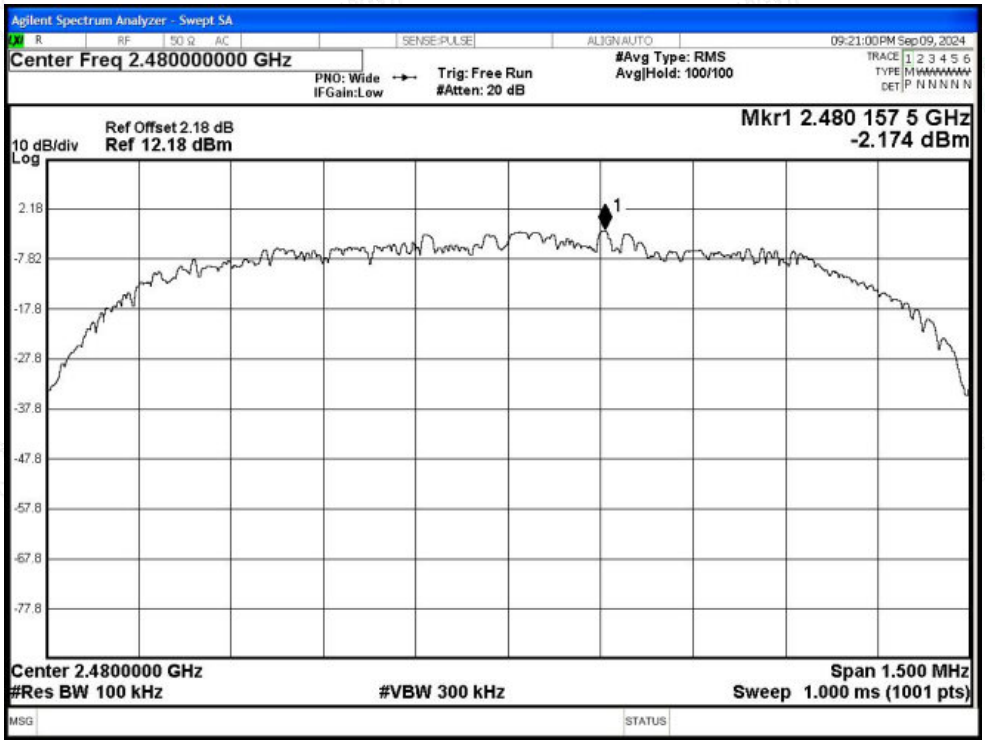
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



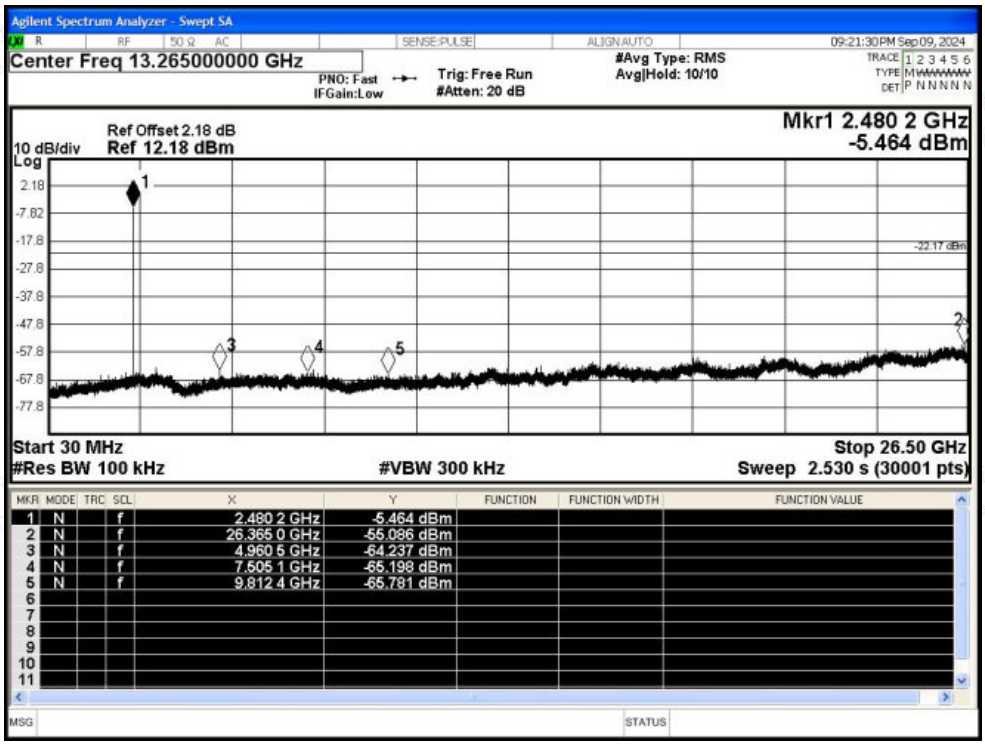
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

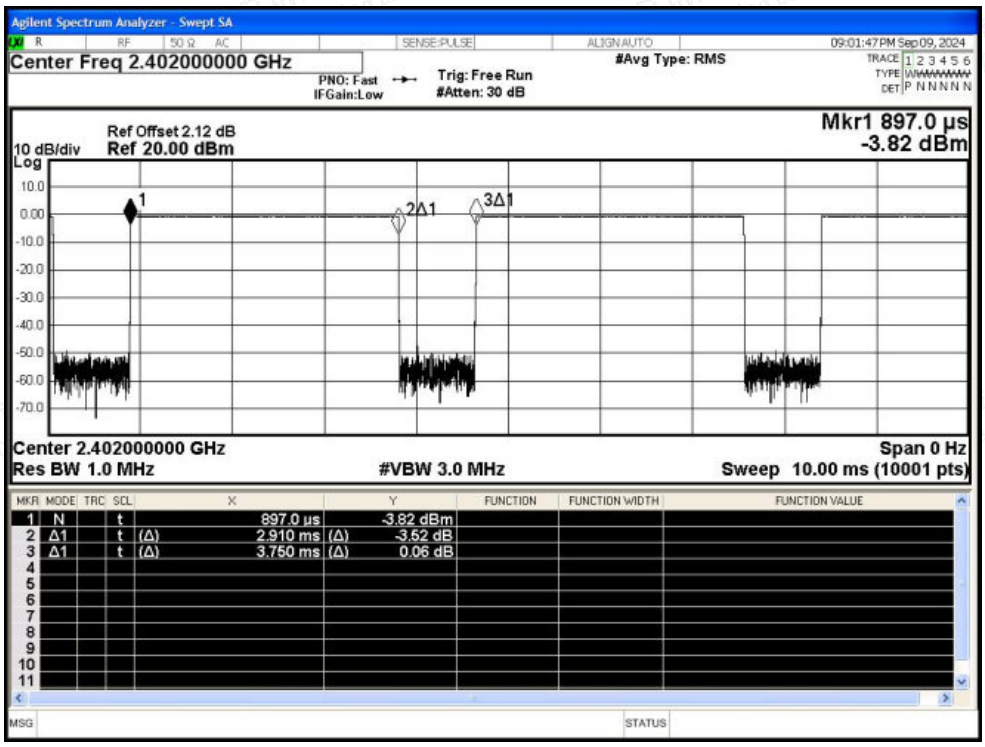


A.8 Duty Cycle

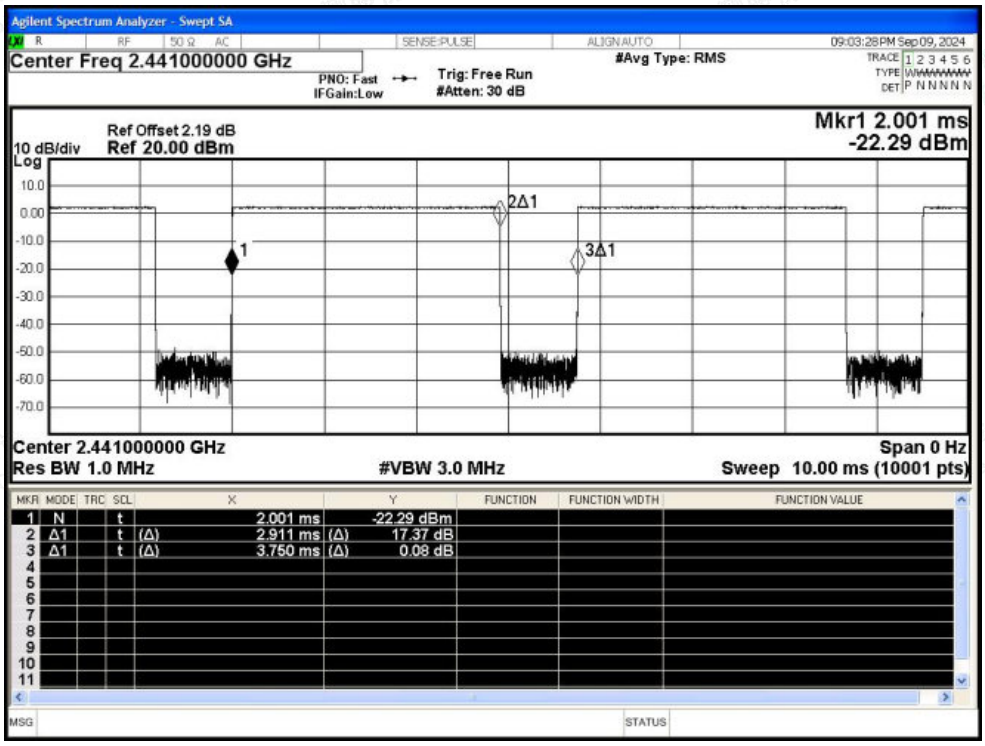
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.63	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

Test Graphs

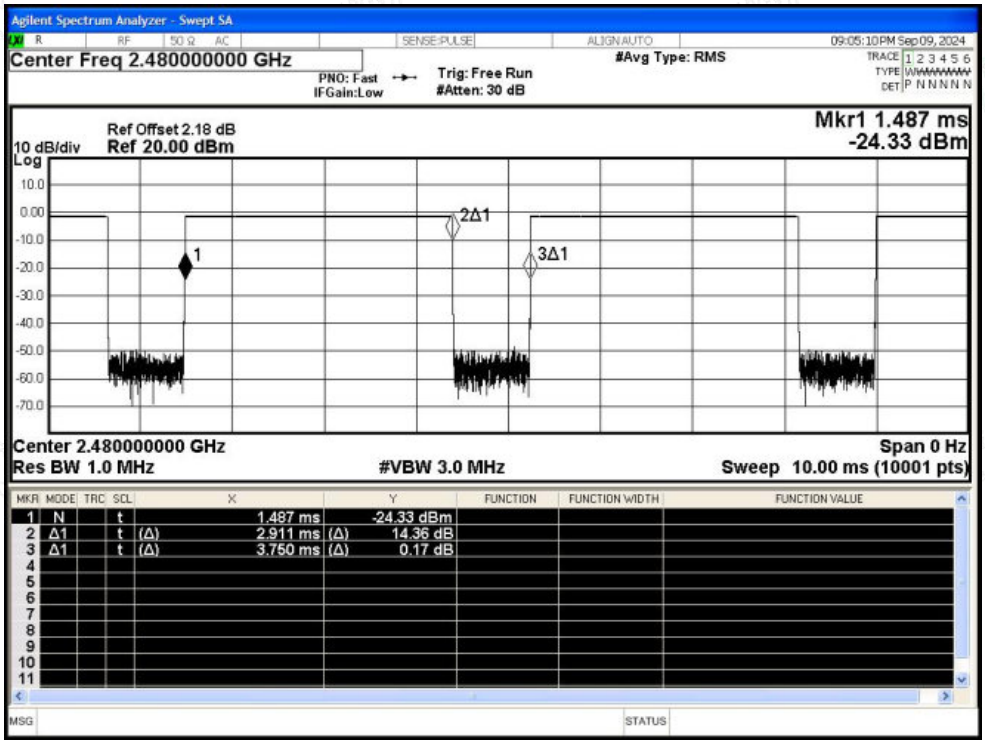
Duty Cycle NVNT 1-DH5 2402MHz Ant1



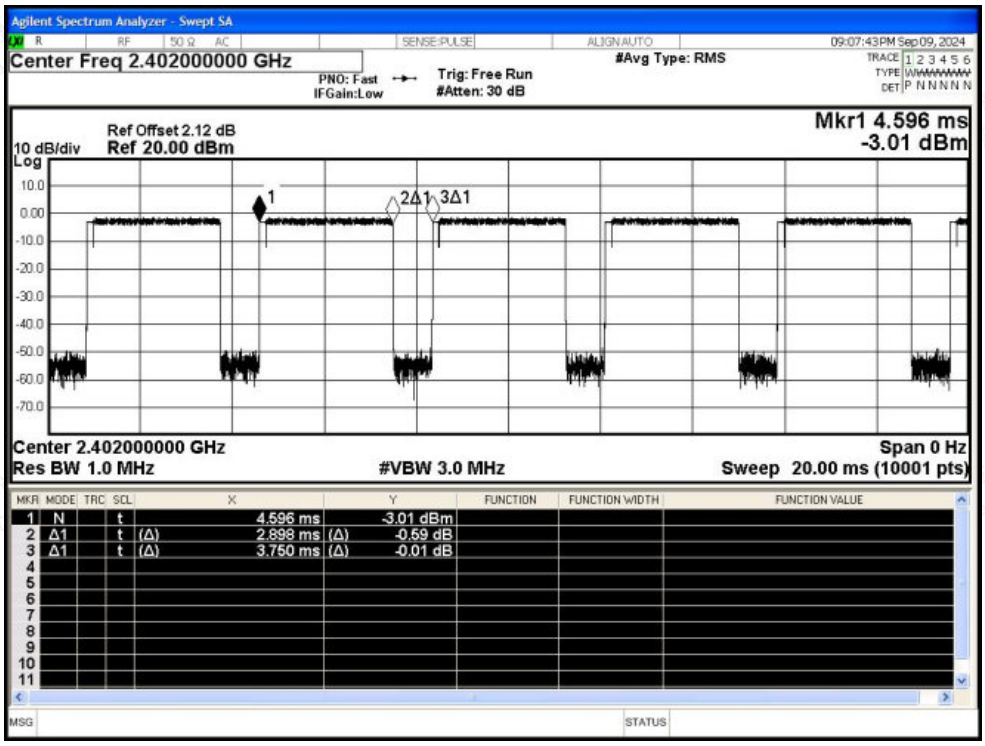
Duty Cycle NVNT 1-DH5 2441MHz Ant1



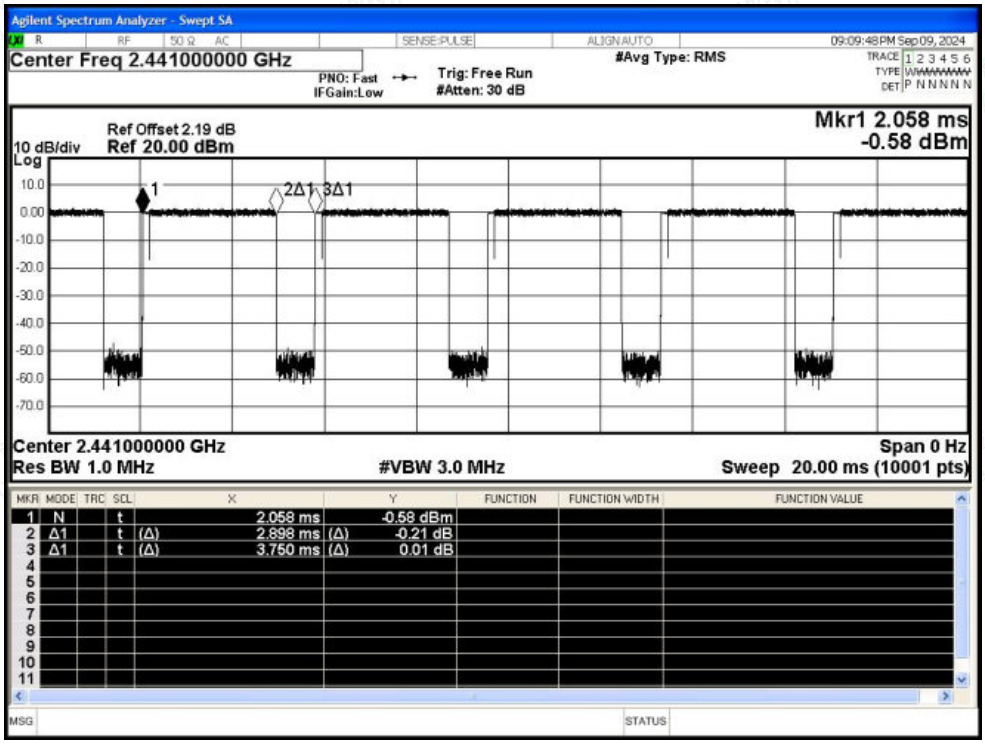
Duty Cycle NVNT 1-DH5 2480MHz Ant1



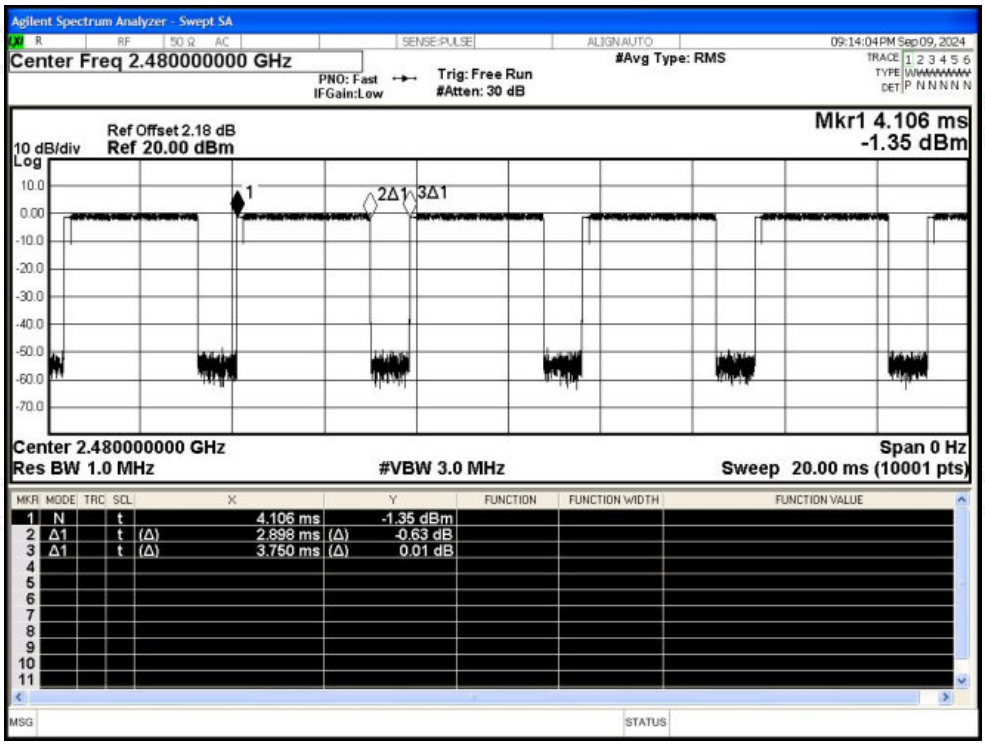
Duty Cycle NVNT 2-DH5 2402MHz Ant1



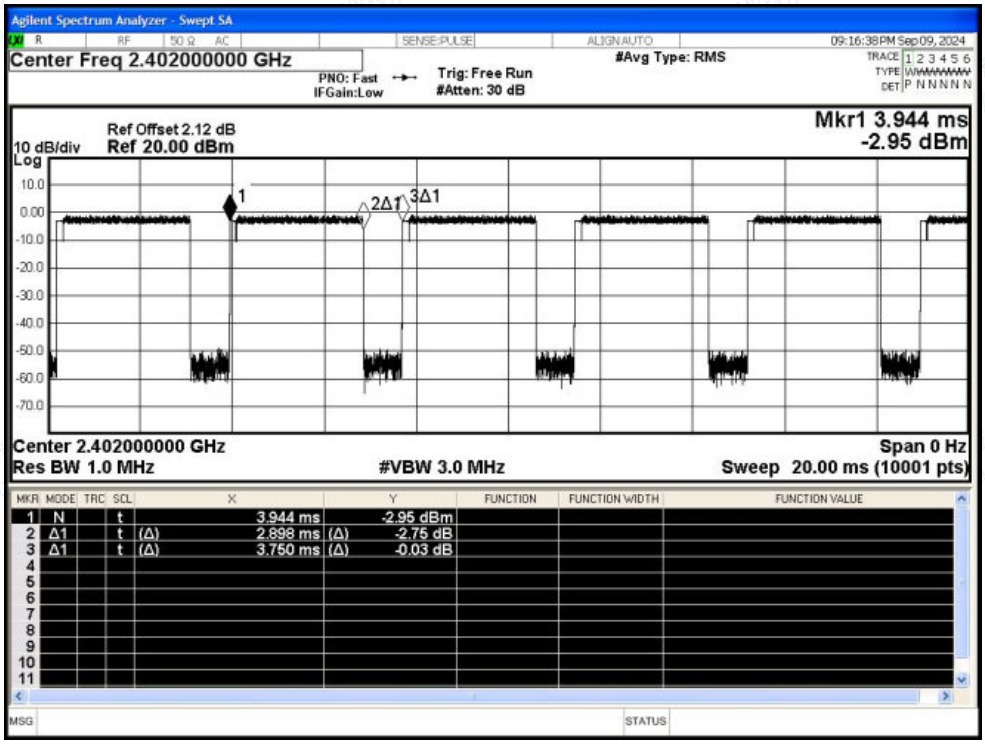
Duty Cycle NVNT 2-DH5 2441MHz Ant1



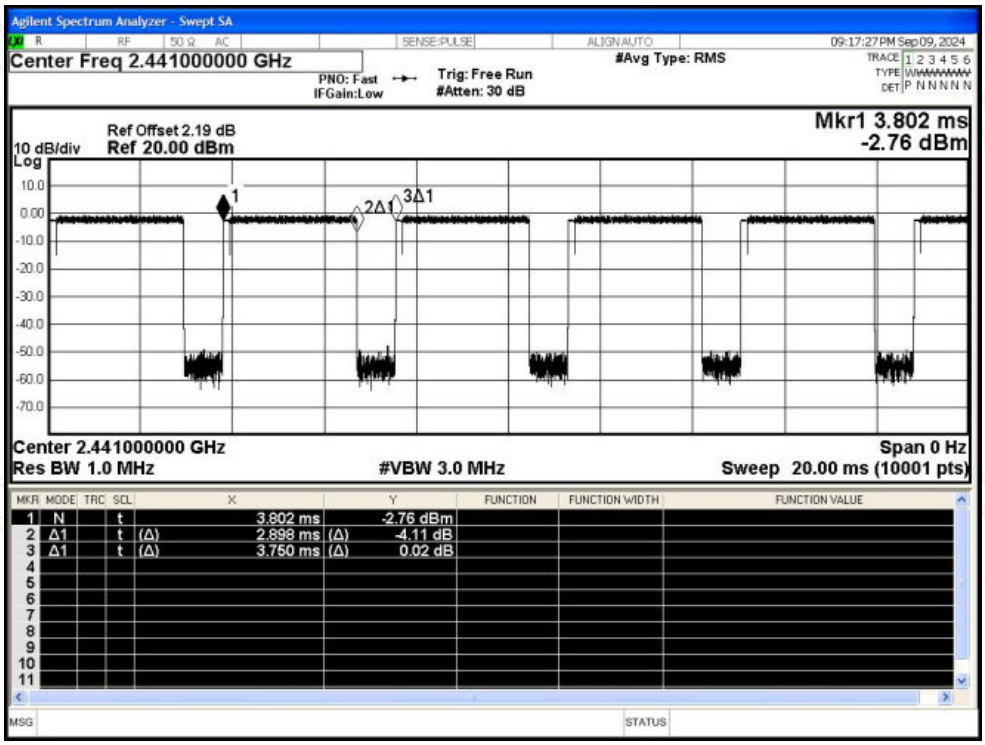
Duty Cycle NVNT 2-DH5 2480MHz Ant1



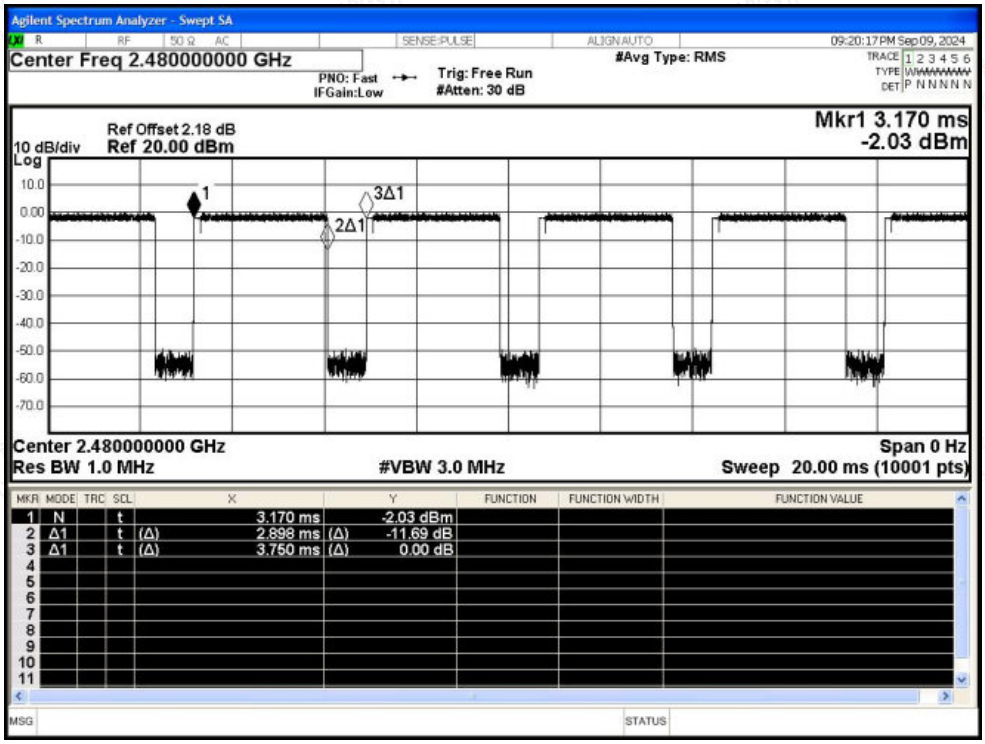
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

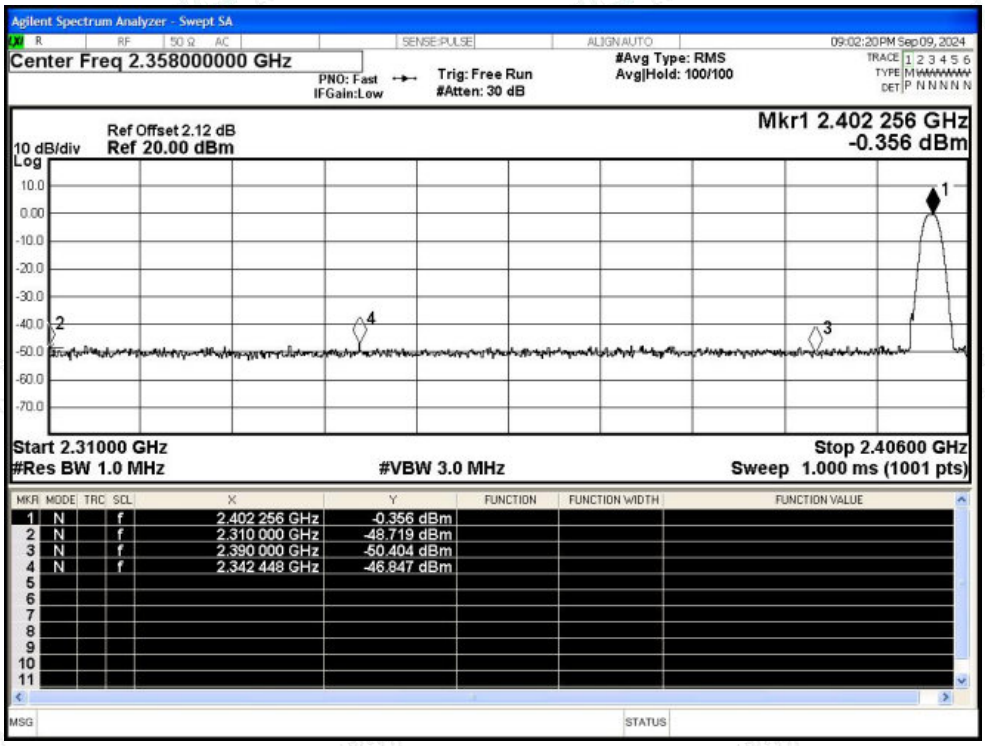


A.9 Restrict Band

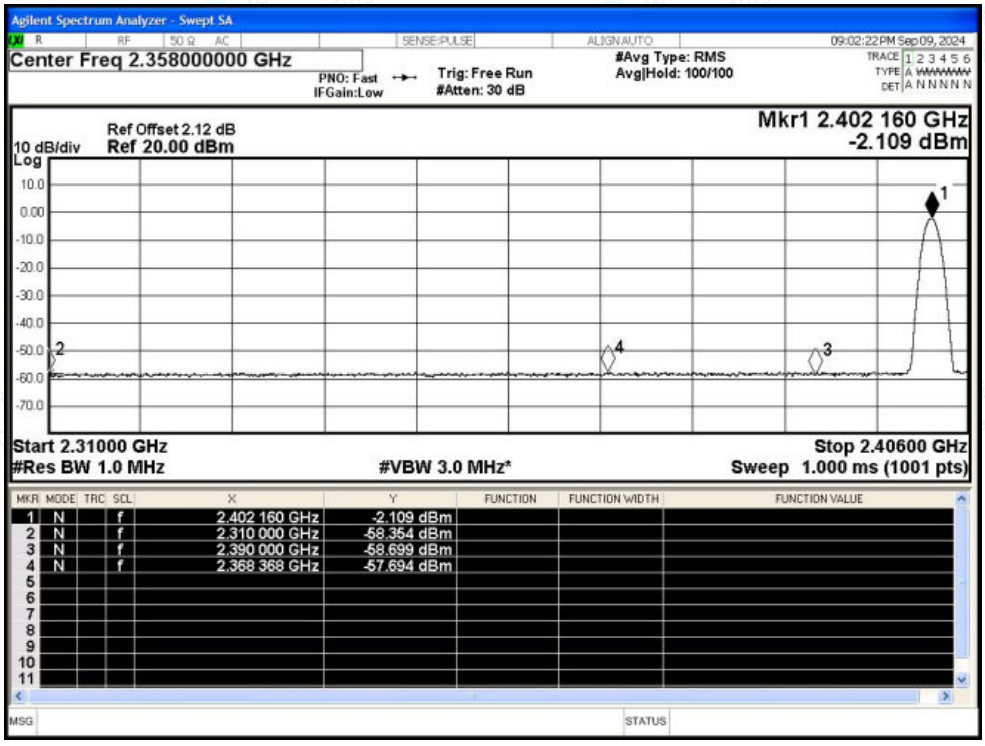
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-48.72	2	-	48.54	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.35	2	1.1	40.01	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2342.448	-46.85	2	-	50.41	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2368.368	-57.69	2	1.1	40.67	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.4	2	-	46.86	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.7	2	1.1	39.66	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50.23	2	-	47.03	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.75	2	1.1	40.61	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2491.888	-46.69	2	-	50.57	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2486.56	-57.1	2	1.1	41.26	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.66	2	-	47.6	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.13	2	1.1	40.23	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.3	2	-	45.96	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.71	2	1.12	39.67	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2382.288	-47.47	2	-	49.79	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2385.936	-57.54	2	1.12	40.84	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.71	2	-	46.55	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.62	2	1.12	39.76	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.93	2	-	47.33	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.67	2	0.09	39.68	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2487.088	-45.25	2	-	52.01	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.632	-56.91	2	0.09	40.44	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.92	2	-	46.34	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.98	2	0.09	39.37	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.15	2	-	47.11	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.76	2	1.17	39.67	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2387.568	-47.47	2	-	49.79	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2374.416	-57.57	2	1.17	40.86	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-48.63	2	-	48.63	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.05	2	1.17	40.38	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.33	2	-	48.93	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.17	2	1.12	41.21	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2489.656	-46.86	2	-	50.4	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.968	-56.64	2	1.12	41.74	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-51.21	2	-	46.05	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.35	2	1.12	41.03	Average	54	Pass

Test Graphs

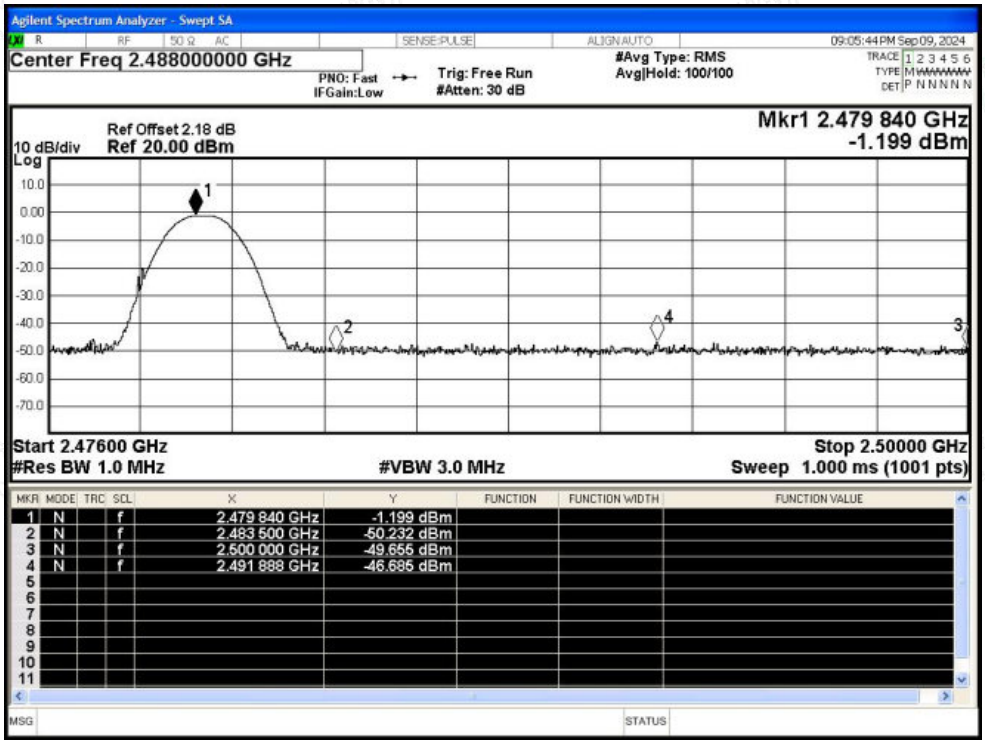
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



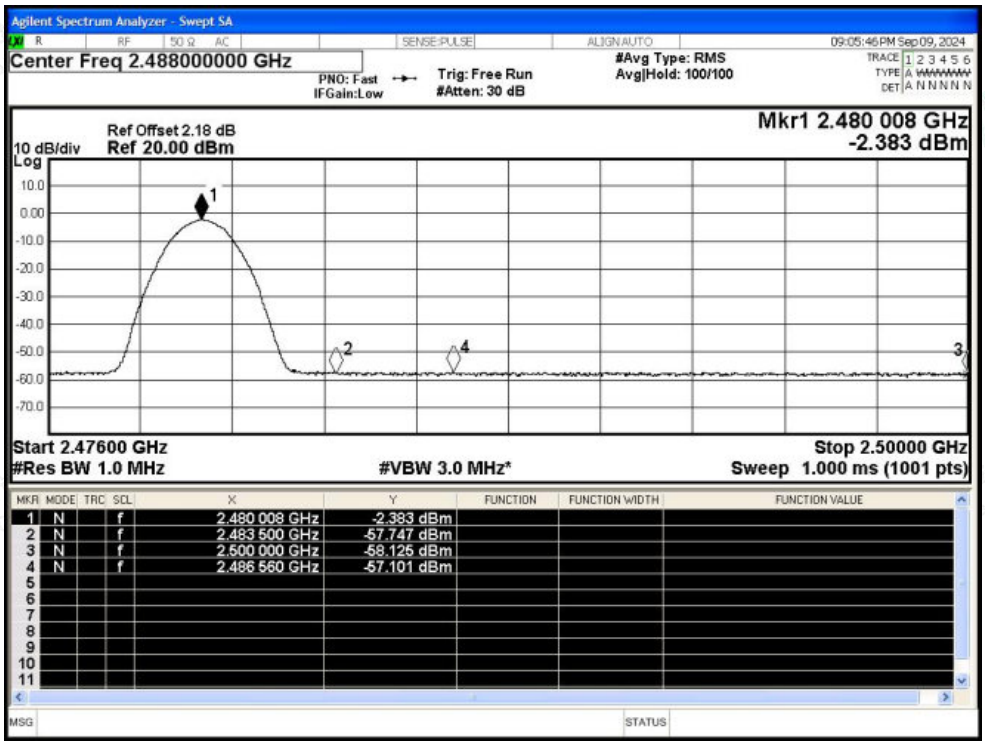
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



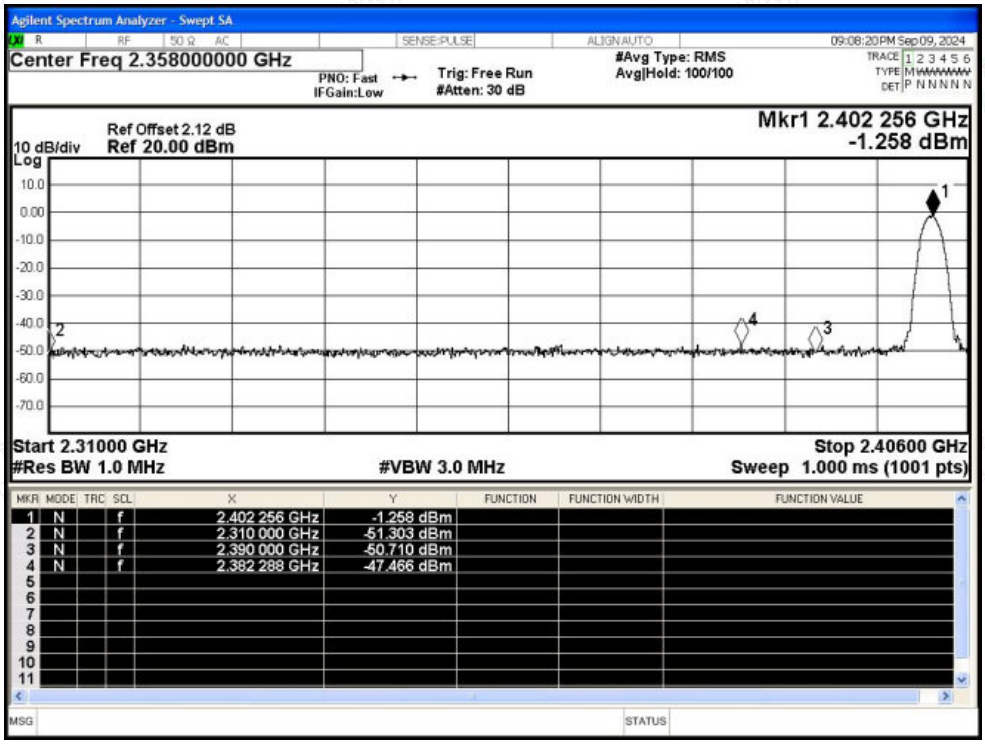
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



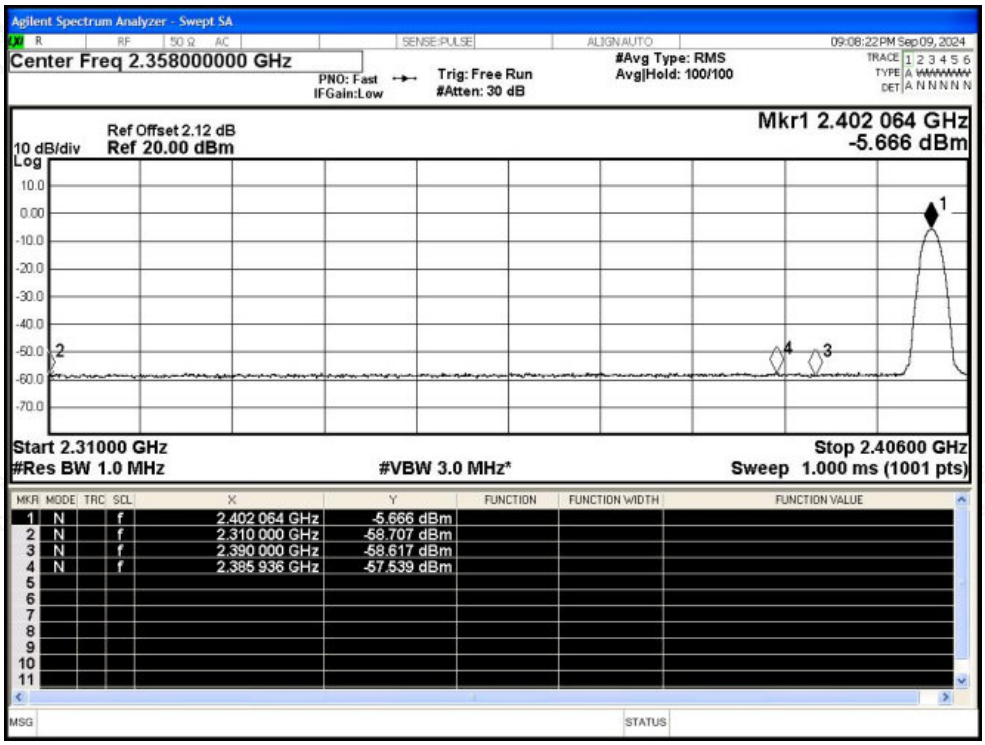
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



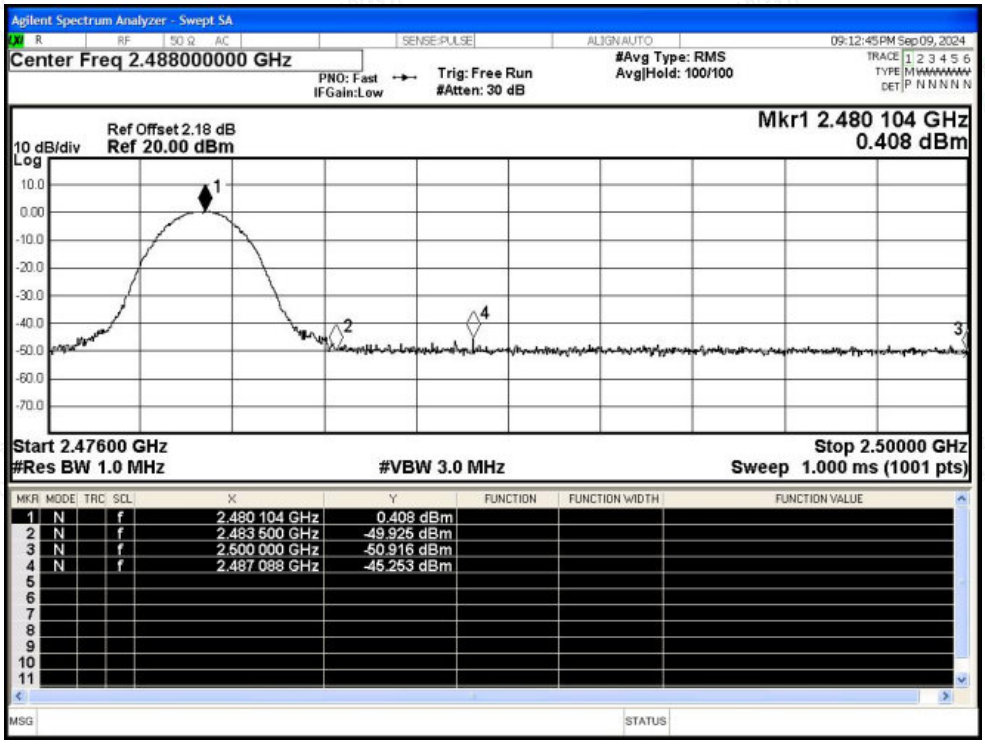
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



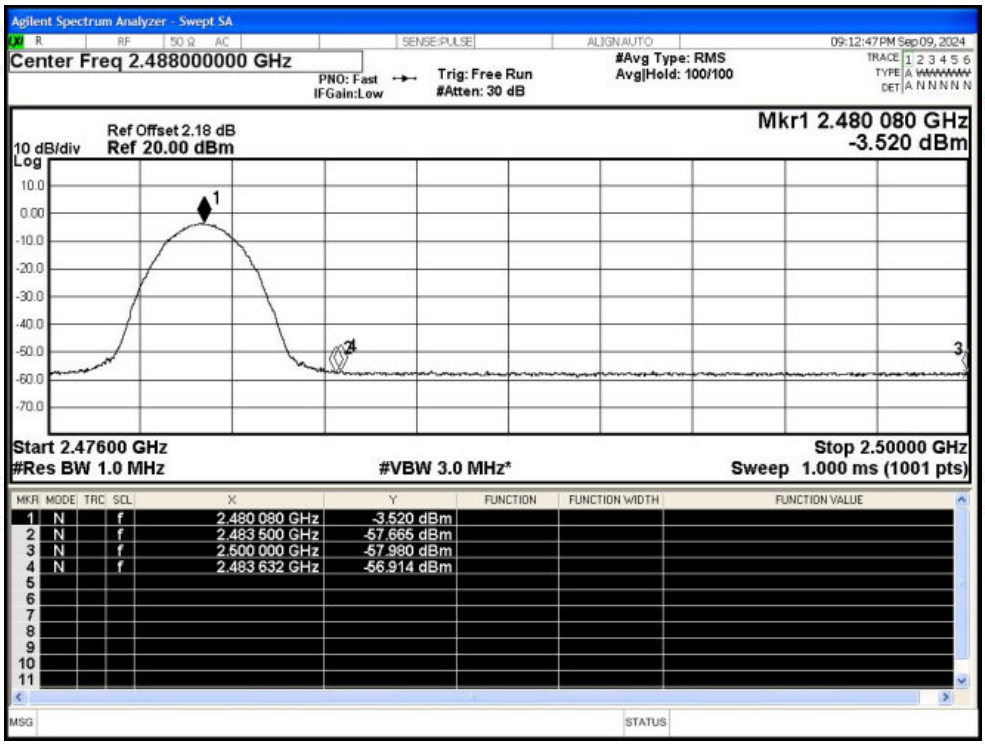
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



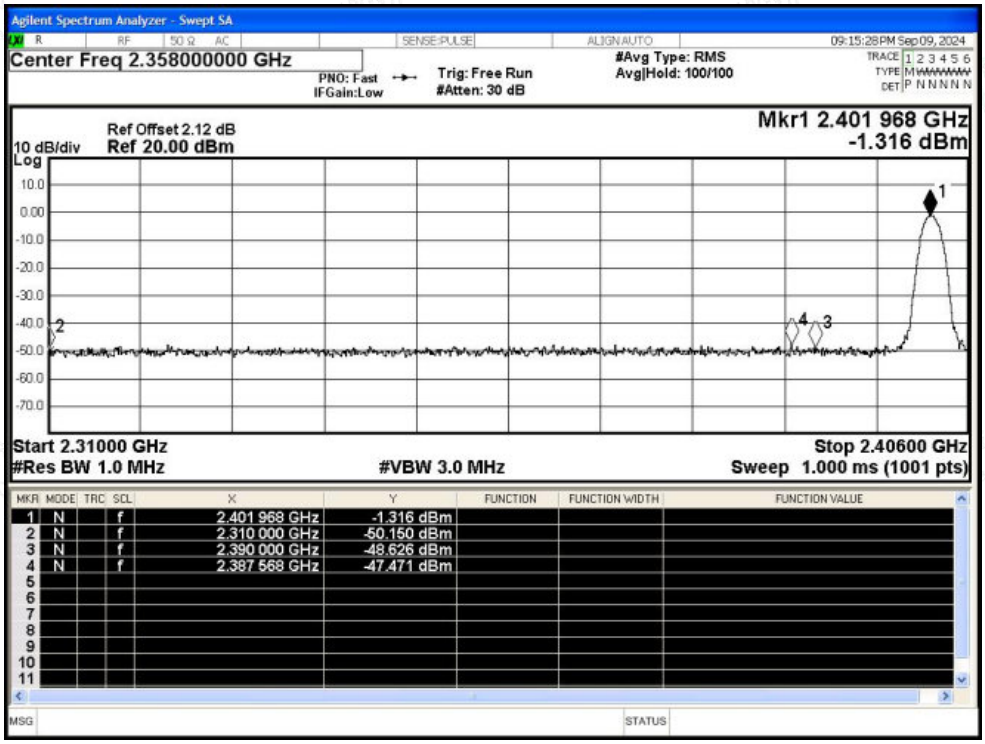
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



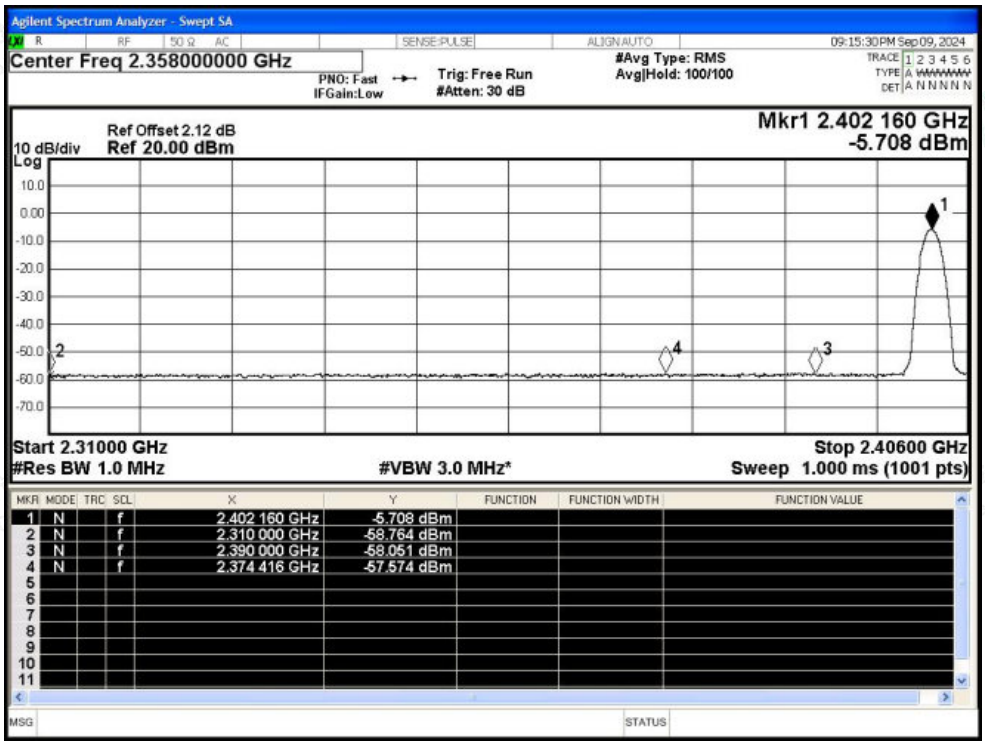
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



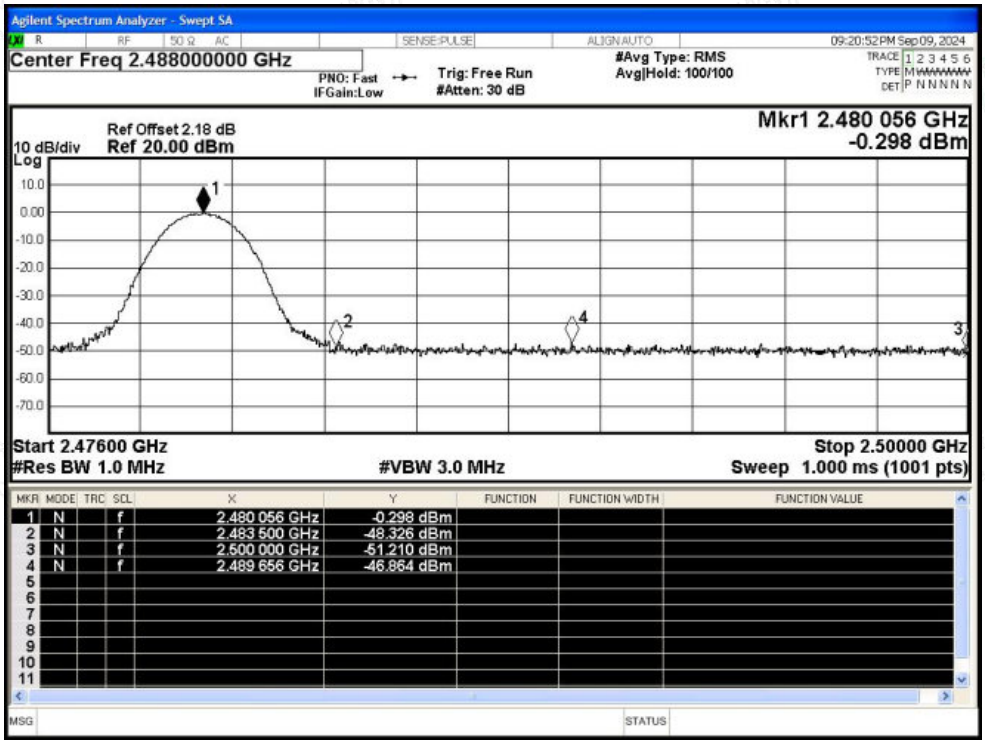
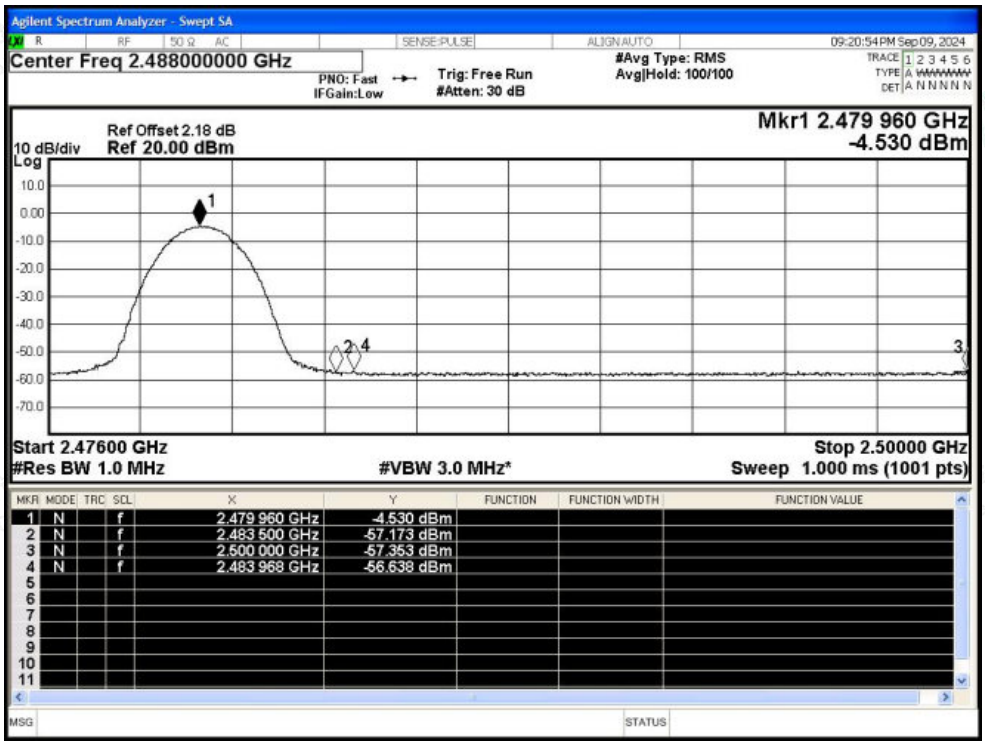
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average